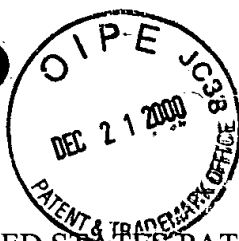


MLW/man  
12/18/00



SECTOR \$  
PATENT APPLICATION  
Docket No.: 1086.1011-001

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Steven Treiber, Ashuraj Sirohi, Subhash Ghorpade, Simon Lingard,  
Sundaram Ramanathan and Chau-Chyun Chen

Application No.: 09/678,724 Group: 2184

Filed: October 4, 2000 Examiner: Unassigned

For: COMPUTER METHOD AND APPARATUS FOR DETERMINING  
STATE OF PHYSICAL PROPERTIES IN A CHEMICAL PROCESS

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>12/19/00</u>	<u>Margaret A. Norcutt</u>
Date	Signature
<u>Margaret A. Norcutt</u>	
Typed or printed name of person signing certificate	

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In reply to the Notice to File Missing Parts dated November 20, 2000, the following documents and fees are being submitted for filing in the captioned application:

- ☒ **EXECUTED DECLARATION/POWER OF ATTORNEY** - A copy of the Notice is attached.
- ☒ **FILING FEE** - with Fee Transmittal for Patent Applications in duplicate.
- ☒ **SURCHARGE** - surcharge fee of \$130.00.
- ☐ **SEQUENCE LISTING** - Filed concurrently and is attached.
- ☐ **PETITION FOR EXTENSION OF TIME**

☐ Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated [ ] for [ ] month(s) from [ ] to [ ].  
The appropriate fee of \$[ ] is included in the enclosed check.

☐ A [ ] month extension of time to respond to the Notice to File Missing Parts dated [ ] was filed on [ ] with payment of a \$[ ] fee.

☐ Applicant hereby petitions for an additional [ ] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[ ] is included in the enclosed check.

*(Separate Petition for Extension of Time and postcard not required)*

☐ **REQUEST FOR CORRECTED FILING RECEIPT** - Filed concurrently and is attached.

☐ **VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**

☐ Was filed on [ ].

☐ Is enclosed herewith.

☐ In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$[ ] which were paid on [ ] to be deposited in Deposit Account No. 08-0380.

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$840.00. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Mary Lou Wakimura

Mary Lou Wakimura

Registration No.: 31,804

Tel.: (781) 861-6240

Fax: (781) 861-9540

Lexington, Massachusetts 02421-4799

Date: 12/18/00

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	0918.1011-001
	Application Number	09/678,724
	First Named Inventor	Steven Treiber

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	20 - 20* =	0	x \$ 18 =	\$ 0
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	3 - 3** =	0	x \$ 80 =	\$ 0
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 270 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 710
				Total of above Calculations =	\$ 710
				Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =	\$
				TOTAL =	\$ 710
				Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =	\$ 130
				Petition for Extension of Time Fee (37 C.F.R. 1.17) =	\$
				Assignment Recordation Fee = (only when filed with application)	\$
				TOTAL =	\$ 840

\* Reissue claims in excess of 20 and over original patent  
 \*\* Reissue independent claims over original patent

1. Small entity status:

- a. ☐ A small entity statement is enclosed.
- b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$840.00. ☐ Please charge \$[ ] to Deposit Account No. 08-0380.

4. ☐ Other: \_\_\_\_\_

Signature	<i>Mary Lou Wakimura</i>	Date	12/18/06
Submitted by Typed or Printed Name	Mary Lou Wakimura	Reg. Number	31,804

MLW/man  
12/18/00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steven Treiber, Ashuraj Sirohi, Subhash Ghorpade, Simon Lingard, Sundaram Ramanathan and Chau-Chyun Chen

Application No.: 09/678,724

Group: 2184

Filed: October 4, 2000

Examiner: Unassigned

For: COMPUTER METHOD AND APPARATUS FOR DETERMINING STATE OF  
PHYSICAL PROPERTIES IN A CHEMICAL PROCESS

CERTIFICATE OF MAILING	
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on <u>12/19/00</u>	<u>Margaret A. Norcott</u>
Date	Signature
<u>Margaret A. Norcott</u>	
Typed or printed name of person signing certificate	

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C., 20231

Sir:

Transmitted herewith are formal drawings, sheet 1/1, figures 1 and 2, for filing in the subject patent application.

Acceptance of the formal drawings is respectfully requested.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Mary Lou Wakimura

Mary Lou Wakimura

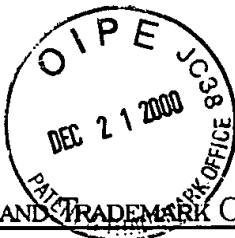
Registration No. 31,804

Telephone (781) 861-6240

Facsimile (781) 861-9540

Lexington, MA 02421-4799

Date: 12/18/00



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/678,724	10/04/2000	Steven Treiber	1086.1011.001

Mary Lou Wakimura, Esq.  
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.  
Two Militia Drive  
Lexington, MA 02421-4799

## FORMALITIES LETTER



Date Mailed: 11/20/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

12/26/2000 SDENBOB1 00000050 09678724

- The balance due by applicant is \$ 840.

01 FC:101  
02 FC:105

710.00 OP  
130.00 OP

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE